

Patent Application No. 09/682/451

Document 4b, Response to Office Action 2

#10/B

Steven Mezinis

Hawkins

11-19-03



Applicant : Steven Mezinis
Application : 09/682,451
No.
Filed : 08/15/2001
Title : Electric-Magnetic Field Motivator

Group/Art Unit : 2834
Examiner : Karl I. Tamai

Thursday, July 18, 2002

Honorable Commissioner for Patents
Washington DC 20321

Dear Karl Tamai:

In response to the Office Action Summary of April 24, 2002, please amend the above-identified application as follows:

Title: Change to – High Voltage LC Electric and Magnetic Field Motivator

✓ **Claims:** Cancel all claims of record and substitute new claims 5-27, three independent and 20 dependant claims, as follows.

8. A high voltage LC device that uses electro-static and magnetic fields to produce motion comprising:

a motivator constructed of a core of conductive/magnetic material approximating a C, D, or toroidal shape to form at least two poles with surfaces facing each other separated by sufficient space between said pole surfaces to allow a freely moving predetermined target along with the requisite gaps to permit free movement; further including

at least one predetermined low voltage primary coil disposed around said core with a means to magnetically couple to at least one predetermined high voltage secondary coil whose output leads are electrically connected to at least two predetermined capacitive arrays of dielectrically insulated conductors buried respectively within said poles; and

a movable predetermined target comprising of electric/magnetic responsive material further including said gaps to allow heretofore movement.

9. The secondary coil in claim 8 wherein is a means to provide a high voltage electric field buried within said poles whereby inducing an electric charge accumulation within said poles.

10. The electric charge accumulation of claim 9 wherein is facilitated by means of a further included a low voltage magnetically coupled

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